

DeSoto, Inc.

ADMINISTRATIVE AND RESEARCH CENTER

1700 SOUTH MOUNT PROSPECT ROAD, DES PLAINES, ILLINOIS 60018 TELEPHONE 312-391-9000

December 17, 1982

Occupational Safety Dept.
Attn: Industrial Hygiene
Douglas Aircraft Co.
Mail Code: C1-121 (126-14)
3855 Lakewood Boulevard
Long Beach, CA 90846

SUBJECT: 2-ETHOXYETHYL ACETATE

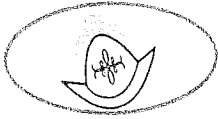
Dear Sirs:

Our records indicate that since January 1, 1982, you have purchased products from DeSoto containing 2-ethoxyethyl acetate. Our suppliers of this product have alerted us to the unpublished results of tests conducted by the National Institute of Occupational Safety and Health (NIOSH). A paper by B.K. Nelson of NIOSH summarizing the findings has been submitted for publication in Teratology.

NIOSH investigated the teratogenic potential of a number of industrial chemicals including 2-ethoxyethyl acetate (also known as ethylene glycol monethyl ether acetate or Cellosolve (R) Acetate). The significant tests on 2-ethoxyethyl acetate were inhalation studies in rats at exposures of 130, 390, and 600 ppm. According to the preliminary findings, the following effects were observed: complete resorption of litters were induced at 600 ppm, reduced fetal weights and skeletal and cardiovascular defects were observed at 390 ppm and a single cardiac malformation was observed at 130 ppm.

For comparison, the current threshold limit value (TLV (R)) as adopted by the American Conference of Governmental Industrial Hygienists (ACGIH) is 50 ppm (8-hour time weighted average). However, ACGIH in June, 1982 has announced a Notice of Intended Change in its recommended TLV to 5 ppm, thus beginning the two year process of evaluating such a change. The current OSHA standard remains at 100 ppm (8-hour TWA).

DeSoto, Inc. is not aware of any evidence indicating that 2-ethoxyethyl acetate has caused reproductive effects in humans. However, because of our belief that knowledge of the most current available information regarding a material's toxicological properties is essential in establishing safe handling procedures, it is our practice to communicate such information to our customers when it becomes known to us.



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Enclosed you will find updated Material Safety Data Sheets for DeSoto products you have purchased since January 1, 1982 which contain 2-ethoxyethyl acetate. The Material Safety Data Sheets contain handling procedures which can serve as a basis for the safe handling and use of these products. We recommend that you evaluate your operation to determine if actions are required to reduce employee exposure to 2-ethoxyethyl acetate.

Please insure that this information is given to the person(s) in your company responsible for health and/or safety. If additional information is required, please contact Ms. Carol Robinson of our Corporate Industrial Hygiene Services at 312-391-9547.

Respectfully yours,

DeSOTO, INC.

E.H. Hoerster
Director of Marketing
Chemical Coatings Division

Enclosures: MSDS's for 020-730; 020X304; 020X343; 515X005; 821X331
821X481; 822X324; 822X419; 822X420; 826X321
826X445; 828X310; 910X376; 910X480

cc: R.A. Prokop
C. Robinson